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Microsoft Desktop Optimization Pack (MDOP) User Experience Virtualization (UE-V) Deep Dive

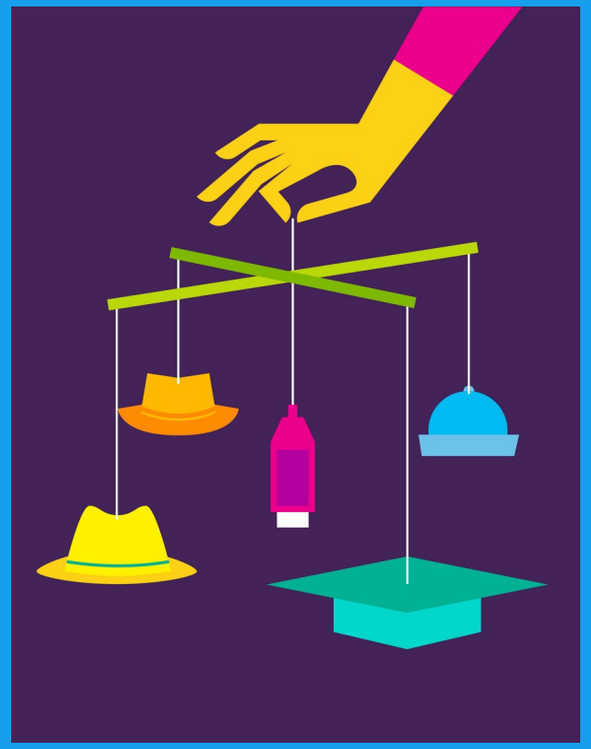
Aaron Ruckman
Senior Program Manager
Microsoft Corporation

Ronald Dockery
Senior Product Manager
Microsoft Corporation

Microsoft Virtual Academy

Windows Server 2012 Windows 8 Windows Azure Microsoft System Center 2012

Managing
OS & App Settin



Module Agenda

UE-V Controlled Apps

Classic Templates

Demo – Generating Custom Templates

UE-V Controlled Apps

UE-V Controlled Apps

Windows Store applications

All default Windows Store apps enabled initially
No Templates. Developer decides what will roam
Enable/Disable on image

UE-V default Templates

Registered during the agent's installation

UE-V custom Template(s)

Register template(s) on image after installing UE-V via PowerShell

Win8 apps do not need UE-V Templates

PowerShell commands need -Computer

Classic Templates

Classic Template Overview

Templates describe where settings are stored:

- registry
- file locations

Templates are XML-formatted files which include:

- Template name, unique ID & version
- Application process & supported version range
- Location of registry and file-based settings to capture and apply

In-Box

Custom

Community

In-Box Templates

Installed with the agent

Authored and supported by Microsoft

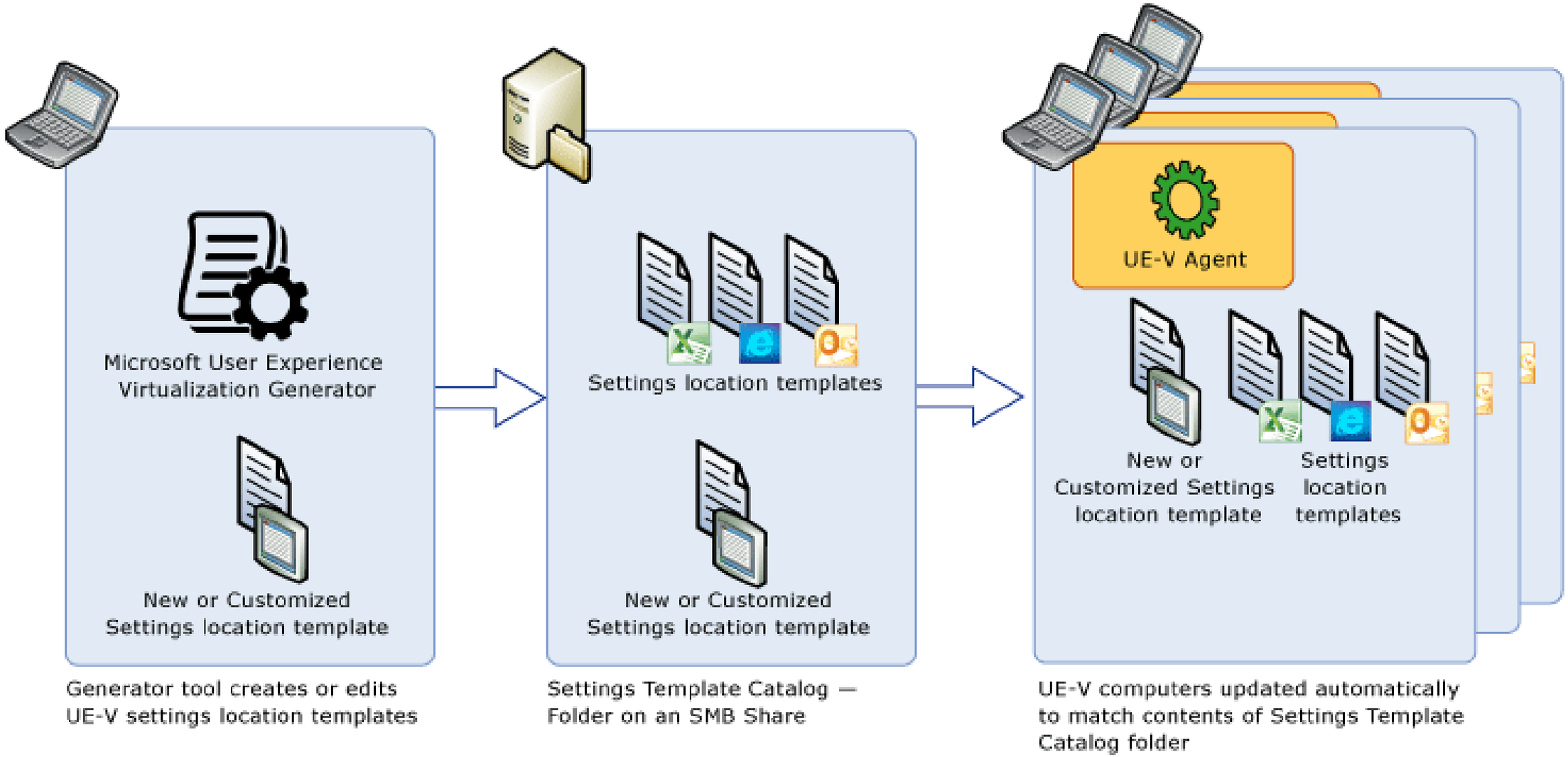
The in-box templates are for the following:

Applications:

- Office 2010 & 2007
- Browser Options (IE8, IE9, IE10, IE11)
- Windows Accessories
  - WordPad
  - Notepad
  - Calc

- Desktop Settings:
  - Start Menu
  - Taskbar
  - Folder Options
  - Region & Language
  - Background
- Ease of Access

Creating Custom Templates



NOTE: Updated Templates must increment the template version in order to replace existing templates via catalog

XML Template Example


```xml
<?xml version="1.0" encoding="UTF-8"?>
- <SettingsLocationTemplate xmlns="http://schemas.microsoft.com/UserExperienceVirtualization/2012/SettingsLocationTemplate">
    <Name>Adobe Acrobat Reader 10</Name>
    <ID>AdobeAcrobatReader10</ID>
    <Version>0</Version>
  - <Processes>
    - <Process>
        <Filename>AcroRd32.exe</Filename>
        <ProductName>Adobe Reader</ProductName>
      - <ProductVersion>
          <Major Maximum="10" Minimum="10"/>
          <Minor Maximum="1" Minimum="0"/>
        </ProductVersion>
      - <FileVersion>
          <Major Maximum="10" Minimum="10"/>
          <Minor Maximum="1" Minimum="0"/>
        </FileVersion>
      </Process>
    </Processes>
  - <Settings>
    - <Registry>
        <Path Recursive="true">Software\Adobe\Acrobat Reader\10.0</Path>
      </Registry>
    - <Registry>
        <Path Recursive="true">Software\Adobe\CommonFiles\Usage\Reader 10</Path>
      </Registry>
    - <File>
      - <Root>
          <EnvironmentVariable>APPDATA</EnvironmentVariable>
        </Root>
        <Path Recursive="true">Adobe\Acrobat\10.0</Path>
      </File>
    </Settings>
```

Customizing Custom Templates

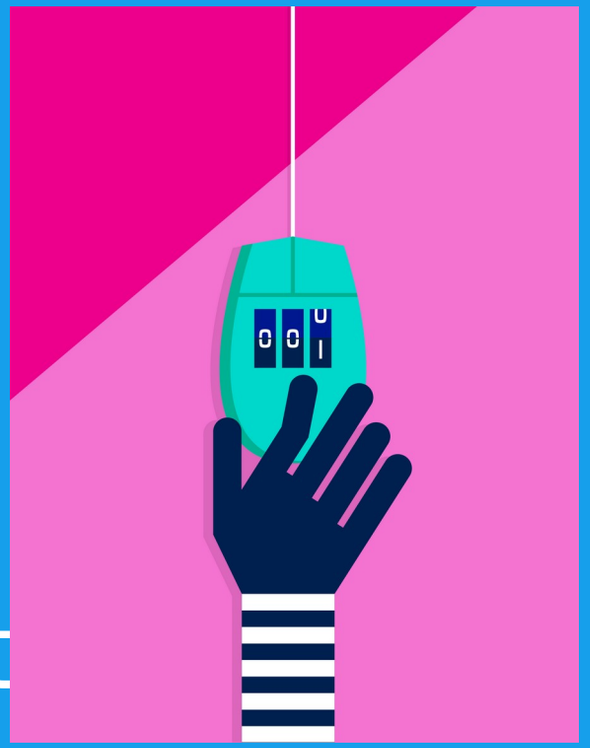
Can manually edit the XML but validate against the XSD or with the Generator

Manual template settings:

- *Registry and File Exclusions*
- *Architecture Separation*
- *Shell Process Designation*
- *File and registry paths based on known folders & registry values*
- *Localized names displayed in Company Settings Center (V2.0)*

Demo

Generating UE-V Custom Templat



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